

Appl. No. 10/820,590
Docket No.9031R
Amdt. dated Nov. 6, 2006
Customer No. 27752

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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (currently amended): A packaged tooth whitening product, comprising:

a backing layer;

a tooth whitening composition comprising first and second polymers, from about 10% to about 90% water, and a tooth whitening agent, wherein said first polymer is polyethelene polyethylene oxide and said second polymer is polyvinyl alcohol.

Claim 2 (currently amended): The packaged tooth whitening product of claim 1, wherein the concentration of said first polymer is between about 10% and about 90% by weight of said tooth whitening composition.

Claim 3 (currently amended): The packaged tooth whitening product of claim 1, wherein the concentration of said second polymer is between about 0.5% and about 50% by weight of said tooth whitening composition.

Claim 4 (cancelled)

Claim 5 (currently amended): The packaged tooth whitening product of claim 1, wherein said tooth whitening composition further comprises a plasticizer having a concentration between about 1% and about 80% by weight of said tooth whitening composition.

Claim 6 (currently amended): The packaged tooth whitening product of claim 5, wherein said plasticizer is polyethylene glycol.

Claim 7 (currently amended): The packaged tooth whitening product of claim 1, wherein said polyvinyl alcohol has a hydrolysis between about 70% and about 91%.

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Claim 8 (currently amended): The packaged tooth whitening product of claim 1, wherein said backing layer is a laminate.

Claim 9 (currently amended): The packaged tooth whitening product of claim 1, wherein said polyethylene oxide has an average molecular weight between about 300,000 and about 900,000.

Claim 10 (currently amended): The packaged tooth whitening product of claim 1, wherein said tooth whitening composition comprises a mixture of two or more polyethylene oxides and wherein said polyethylene oxides have different average molecular weights.

Claim 11 (currently amended): The packaged tooth whitening product of claim 1, wherein said tooth whitening agent is hydrogen peroxide.

Claim 12 (currently amended): The packaged tooth whitening product of claim 1, wherein said first and second polymers are water soluble.

Claim 13 (withdrawn): A method of manufacturing a tooth whitening composition, comprising:

mixing a first mixture comprising a first water soluble polymer and a first solvent;

mixing a second mixture comprising a second water soluble polymer and a second solvent;

adding said first and second mixtures to form a third mixture; and

mixing a tooth whitening agent with said third mixture.

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Claim 14 (withdrawn): The method of claim 13, wherein said first and second solvents are water.

Claim 15 (withdrawn): The method of claim 13, wherein said first and second solvents are different.

Claim 16 (withdrawn): The method of claim 13, wherein one of said first and second solvents comprises a mixture of solvents.